



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 138289

TO: Andrew D Kosar
Location: rem/3c04/3c18
Art Unit: 1654
Wednesday, December 01, 2004

Case Serial Number: 10/613754

From: Peggy Ruppel
Location: Biotech-Chem Library
REMSEN 1B65
Phone: 571-272-2557

Peggy.Ruppel@uspto.gov

Search Notes

It was simpler for me to bundle the results of the two searches that you submitted for this application together, since the results sets were so small.

Please contact me if you have any questions or comments.

Thank you for using STIC services.

BEST AVAILABLE COPY



=> b reg

FILE 'REGISTRY' ENTERED AT 15:34:04 ON 01 DEC 2004
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STRUCTURE FILE UPDATES: 29 NOV 2004 HIGHEST RN 790629-40-2
DICTIONARY FILE UPDATES: 29 NOV 2004 HIGHEST RN 790629-40-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

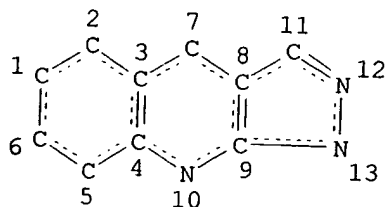
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> d que 169

L65

STR



NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 13

STEREO ATTRIBUTES: NONE

L69 2556 SEA FILE=REGISTRY SSS FUL L65

=> d ide 169 1-7

L69 ANSWER 1 OF 2556 REGISTRY COPYRIGHT 2004 ACS on STN
RN 790602-32-3 REGISTRY
CN INDEX NAME NOT YET ASSIGNED
MF C19 H19 N5
CI COM
SR CA

=> b hcaplus

FILE 'HCAPLUS' ENTERED AT 15:51:52 ON 01 DEC 2004
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FILE COVERS 1907 - 1 Dec 2004 VOL 141 ISS 23
FILE LAST UPDATED: 29 Nov 2004 (20041129/ED)

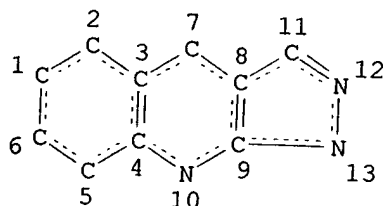
This file contains CAS Registry Numbers for easy and accurate substance identification.

'OBI' IS DEFAULT SEARCH FIELD FOR 'HCAPLUS' FILE

=> d que 177

L65

STR



NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 13

STEREO ATTRIBUTES: NONE

L69

2556 SEA FILE=REGISTRY SSS FUL L65

L75

1292 SEA FILE=HCAPLUS ABB=ON PLU=ON "ERYTHROPOIETIN RECEPTORS"+OLD
/CT OR (EPO(A)RECEPT? OR EPOETIN(2A)RECEPT?)/BI

L76

52 SEA FILE=HCAPLUS ABB=ON PLU=ON L69(L) (USES+NT)/RL

L77

1 SEA FILE=HCAPLUS ABB=ON PLU=ON L76 AND L75

=> d ibib abs hitstr 177

L77 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2004:41501 HCAPLUS

DOCUMENT NUMBER: 140:87744

TITLE: Affinity small molecules for the EPO

Searched by P. Ruppel

INVENTOR(S): **receptor**
 PATENT ASSIGNEE(S): Olsson, Lennart; Naranda, Tatjana
 SOURCE: Receptron, Inc., USA
 PCT Int. Appl., 85 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004005323	A2	20040115	WO 2003-US21394	20030703
WO 2004005323	A3	20040701		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004171541	A1	20040902	US 2003-613754	20030702
US 2004116346	A1	20040617	US 2003-612885	20030703
PRIORITY APPLN. INFO.:				US 2002-393360P P 20020703
				US 2002-393361P P 20020703
				US 2002-394110P P 20020703

OTHER SOURCE(S): MARPAT 140:87744

AB Comps. are provided that complex with the modulating domain of erythropoietin **receptor (EPO-R)** for use with EPO-R to determine the presence of EPO-R, the ability of other mols. to bind to the modulating domain in competitive assays and to induce a signal by EPO-R into a cell when bound by the subject compds. in a physiol. environment. The compds. are characterized by having a six-membered heterocyclic ring comprising at least one nitrogen atom and include substituted triazolopyrimidine, pyridazinone, pyridine and piperidine.

IT 645337-25-3

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); **USES (Uses)**

(affinity small mols. for erythropoietin (EPO) **receptor** and **EPO receptor** modulating

sequence in relation to modulating the response to the stimulus of hematopoietic or neuronal cells and treatment of anemia)

RN 645337-25-3 HCAPLUS

CN 5H-Pyrazolo[3,4-b]quinolin-5-one, 4-(2-furanyl)-1,4,6,7,8,9-hexahydro-3,7,7-trimethyl- (9CI) (CA INDEX NAME)

=> b reg

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DICTIONARY FILE UPDATES: 29 NOV 2004 HIGHEST RN 790629-40-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when
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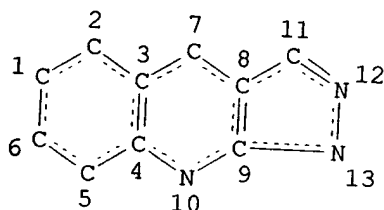
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> d que 171

L65

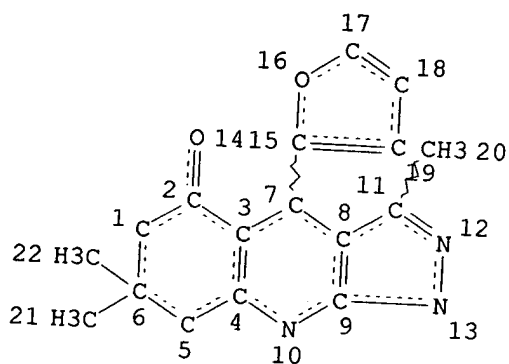
STR



NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 13

STEREO ATTRIBUTES: NONE
L67 STR



NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 22

STEREO ATTRIBUTES: NONE

L69 2556 SEA FILE=REGISTRY SSS FUL L65

L71 8 SEA FILE=REGISTRY SUB=L69 SSS FUL L67

=> d ide 171 1-8

L71 ANSWER 1 OF 8 REGISTRY COPYRIGHT 2004 ACS on STN

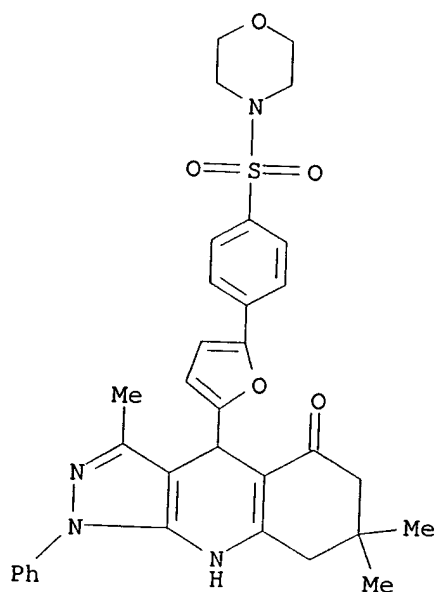
RN 748146-78-3 REGISTRY

CN INDEX NAME NOT YET ASSIGNED

FS 3D CONCORD

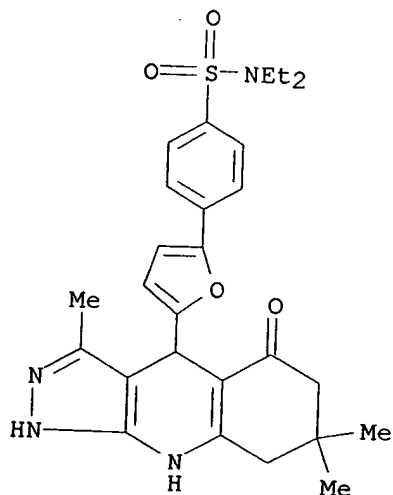
MF C33 H34 N4 O5 S

SR Chemical Library



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

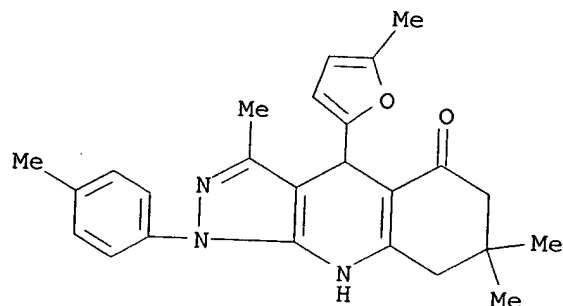
L71 ANSWER 2 OF 8 REGISTRY COPYRIGHT 2004 ACS on STN
RN 748146-41-0 REGISTRY
CN INDEX NAME NOT YET ASSIGNED
FS 3D CONCORD
MF C27 H32 N4 O4 S
SR Chemical Library



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

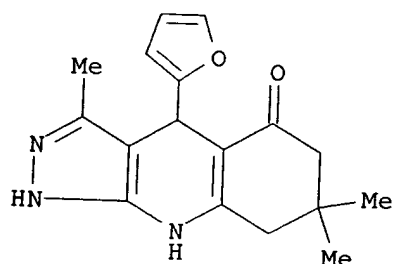
Searched by P. Ruppel

L71 ANSWER 3 OF 8 REGISTRY COPYRIGHT 2004 ACS on STN
RN 748145-15-5 REGISTRY
CN INDEX NAME NOT YET ASSIGNED
FS 3D CONCORD
MF C25 H27 N3 O2
SR Chemical Library



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L71 ANSWER 4 OF 8 REGISTRY COPYRIGHT 2004 ACS on STN
RN 645337-25-3 REGISTRY
CN 5H-Pyrazolo[3,4-b]quinolin-5-one, 4-(2-furanyl)-1,4,6,7,8,9-hexahydro-
3,7,7-trimethyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C17 H19 N3 O2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
DT.CA Caplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); USES (Uses)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L71 ANSWER 5 OF 8 REGISTRY COPYRIGHT 2004 ACS on STN
RN 521318-71-8 REGISTRY
CN 5H-Pyrazolo[3,4-b]quinolin-5-one, 1-(4,6-dimethyl-2-pyrimidinyl)-

Searched by P. Ruppel

FILE 'HOME' ENTERED AT 15:36:03 ON 01 DEC 2004

=>

=> b hcaplus

FILE 'HCAPLUS' ENTERED AT 15:39:03 ON 01 DEC 2004
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FILE COVERS 1907 - 1 Dec 2004 VOL 141 ISS 23
FILE LAST UPDATED: 29 Nov 2004 (20041129/ED)

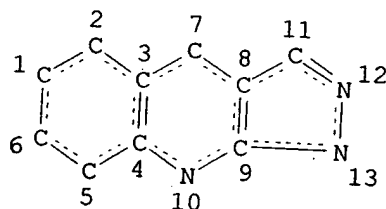
This file contains CAS Registry Numbers for easy and accurate substance identification.

'OBI' IS DEFAULT SEARCH FIELD FOR 'HCAPLUS' FILE

=> d que 172

L65

STR



NODE ATTRIBUTES:

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DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

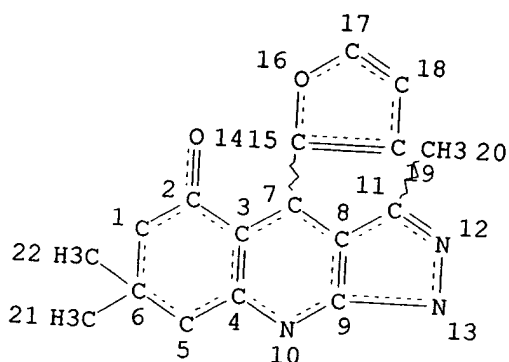
RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 13

STEREO ATTRIBUTES: NONE

L67

STR



NODE ATTRIBUTES:
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 22

STEREO ATTRIBUTES: NONE

L69 2556 SEA FILE=REGISTRY SSS FUL L65
 L71 8 SEA FILE=REGISTRY SUB=L69 SSS FUL L67
 L72 1 SEA FILE=HCAPLUS ABB=ON PLU=ON L71

=> d ibib abs hitstr 172

L72 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2004 ACS on STN
 ACCESSION NUMBER: 2004:41501 HCAPLUS
 DOCUMENT NUMBER: 140:87744
 TITLE: Affinity small molecules for the EPO receptor
 INVENTOR(S): Olsson, Lennart; Naranda, Tatjana
 PATENT ASSIGNEE(S): Receptron, Inc., USA
 SOURCE: PCT Int. Appl., 85 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004005323	A2	20040115		
WO 2004005323	A3	20040701	WO 2003-US21394	20030703

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,

Searched by P. Ruppel

BE, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 US 2004171541 A1 20040902 US 2003-613754 20030702
 US 2004116346 A1 20040617 US 2003-612885 20030703
 PRIORITY APPLN. INFO.: US 2002-393360P P 20020703
 US 2002-393361P P 20020703
 US 2002-394110P P 20020703

OTHER SOURCE(S): MARPAT 140:87744

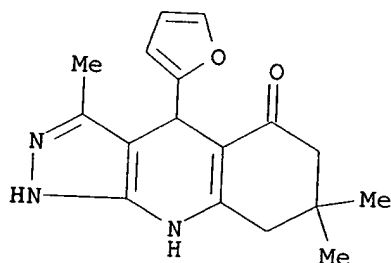
AB Compds. are provided that complex with the modulating domain of erythropoietin receptor (EPO-R) for use with EPO-R to determine the presence of EPO-R, the ability of other mols. to bind to the modulating domain in competitive assays and to induce a signal by EPO-R into a cell when bound by the subject compds. in a physiol. environment. The compds. are characterized by having a six-membered heterocyclic ring comprising at least one nitrogen atom and include substituted triazolopyrimidine, pyridazinone, pyridine and piperidine.

IT 645337-25-3

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (affinity small mols. for erythropoietin (EPO) receptor and EPO receptor modulating sequence in relation to modulating the response to the stimulus of hematopoietic or neuronal cells and treatment of anemia)

RN 645337-25-3 HCAPLUS

CN 5H-Pyrazolo[3,4-b]quinolin-5-one, 4-(2-furanyl)-1,4,6,7,8,9-hexahydro-3,7,7-trimethyl- (9CI) (CA INDEX NAME)



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